# D INTELLECTUAL PROPERTY ORGANIZATION International Bureau



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:

A47J 31/00, 31/44

(11) International Publication Number:

WO 00/45685

A2 |

(43) International Publication Date:

10 August 2000 (10.08.00)

(21) International Application Number:

PCT/EP00/00669

(22) International Filing Date:

28 January 2000 (28.01.00)

(30) Priority Data:

RM99U000017

1 February 1999 (01.02.99)

IT

(71) Applicant (for all designated States except US): IACOBUCCI S.P.A. [IT/IT]; Località Colle Baiocco, I-03013 Ferentino (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): IACOBUCCI, Emilio [IT/IT]; Via Sodine 51, I-03100 Frosinone (IT).

(74) Agent: GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

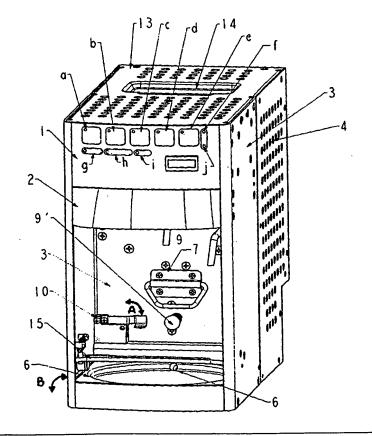
#### **Published**

Without international search report and to be republished upon receipt of that report.

(54) Title: MACHINE FOR AMERICAN-STYLE COFFEE FOR USE ON AIRCRAFT

### (57) Abstract

Machine for use in aircraft that is able to dispense hot beverages, such as coffee, American-style coffee and tea, as well as to dispense hot and cold water, the said machine being provided with a hydraulic circuit and an electrical circuit and being governed by software, and having a basically parallelepiped structure comprising: a structural panelling and a panelling forming a covering, an open front compartment in which a container or jug for beverages is housed, there being present above the said compartment a front control panel (1) and an underlying cartridge-holder drawer (2) which can be pulled out, the said machine being comprising at least one heater (22), inside which water is made to pass only at the moment of dispensing in the form of a beverage or of hot water, the said heater (22) being correspondingly and operatively connected to the cartridge-holder drawer (2), the operation being obtained by means of a hydraulic actuation system which vertically forces the heater (22) to come down onto the cartridge-holder drawer (2) so as to close it basically in a sealed manner when the beverage or hot water is being dispensed.



## FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israe!	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IТ	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JР	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
СН	Switzerland	KG	Kyrgyzstan	NO	Norway	zw	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
CM	Cameroon		Republic of Korea	PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
cz	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	Li	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		
				•			
l							